

ABSTRACT OF THE DISCLOSURE
SYSTEM AND METHOD FOR RESERVING A VIRTUAL
CONNECTION IN AN IP NETWORK

5 A method and system for reserving a virtual
connection from a source workstation to a destination
workstation. Packets of data are transmitted over a
network between an ingress node of the source workstation
and an egress node of the destination workstation. In
10 accordance with the method of the present invention, a
reservation request is delivered from the source
workstation to a reservation server. The reservation
server includes a user database for storing the
identification of each user allowed to access to the
15 reservation server and also stores the rights of each
user. The reservation server further includes a network
database for storing the information describing a network
capacity required to set up the virtual connection. A
verification is then performed to determine whether or
20 not the reservation request may be validated in view of
user information within said source workstation. A
second verification is performed to determine whether or
not the capacity of said network is sufficient to meet
the requirements of the reservation request. In response
25 to the capacity of the network being sufficient to meet
the requirements of the reservation request, a virtual
connection is established from the ingress node to the
egress node.